FIG. 1A

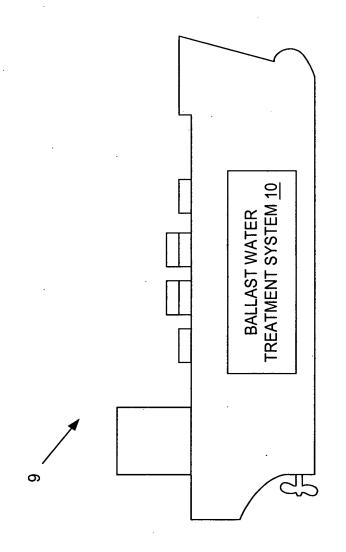
	BIO-DEGRADABLE	LSOO	OTHER COMMENTS
CHLORINE DIOXIDE	HIGHLY BIO- DEGRADABLE	MODERATE	DOES NOT FORM CHLORINATED BY- PRODUCTS
SODIUM HYPOCHLORITE/ CALCIUM HYPOCHLORITE	MODERATE FOR BLEACH ITSELF. LOW FOR CHLORINATED BY- PRODUCTS	ТОМ	STABILITY PROBLEMS' FORMS CHLORINATED BY- PRODUCTS
GLUTERALDEHYDE	MODERATELY HIGH AT USE CONCENTRATIONS	MODERATE TO MODERATELY HIGH	ODORS
HYDROGEN PEROXIDE	HIGHLY BIO- DEGRADABLE	RELATIVELY LOW	STABILITY, STORAGE, AND HANDLING
DRY CHLORINE COMPOUNDS	LOW TO MODERATE	RELATIVELY LOW	DUSTING, HANDLING ISSUES
OZONE	HIGHLY BIO- DEGRADABLE	VERY HIGH IN ALL REGARDS	EQUIPMENT EXPENSIVE MAINTENANCE INTENSIVE
QUATERNARY AMMONIA COMPOUND	POOR FOR MOST FORMULATIONS	MODERATELY HIGH	FOAMS INACTIVATED BY SOLIDS, SYNERGISTIC WITH C102
PERACETIC ACID	HIGHLY BIO- DEGRADABLE	MODERATLEY HIGH	SAFETY AND HANDLING
			_

FIG. 1B

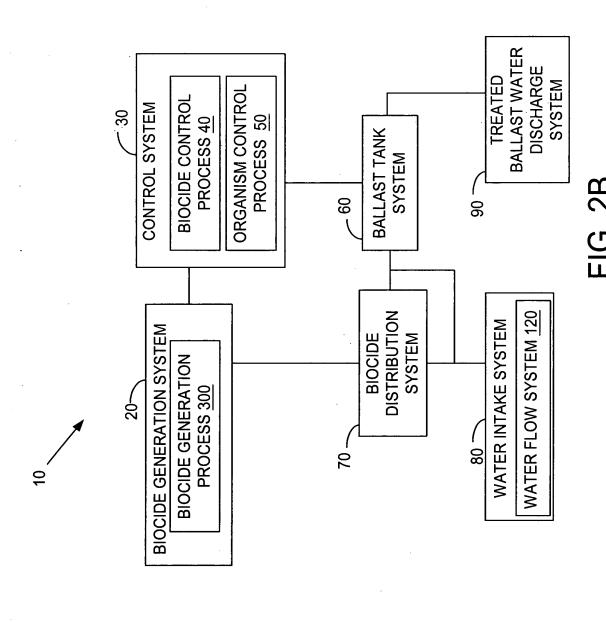
	PH	BIOFILM	TOXICITY	CORROSIVENESS
CHLORINE DIOXIDE	NEUTRAL	VERY GOOD	NEGLIGABLE AT USE CONCENTRATIONS	NEGLIGABLE AT USE CONCENTRATIONS
SODIUM	ALKALINE	INEFFECTIVE	MAY PRODUCE	CORROSIVE TO Fe AND AI
HYPOCHLORITE/			CHLORINATED BY-	
CALCIUM HYPOCHLORITE			PRODUCTS	,
GLUTERALDEHYDE	NEGLIGABLE	INEFFECTIVE	MAY CAUSE SEVERE	MAY CAUSE SEVERE
			SKIN IRRITATION	SKIN IRRITATION IN
				SOME INDIVIDUALS
HYDROGEN	NEUTRAL	INEFFECTIVE	MAY BE EXTREMELY	HIGH ON Fe, Al, and Zn
PEROXIDE			RRITATING TO SKIN	
			AND TISSUES AT USE	
			CONCENTRATIONS	
DRY CHLORINE	DERATELY	INEFFECTIVE	MAY PRODUCE	CORROSIVE TO Fe and Al
COMPOUNDS	TO HIGH		CHLORINATED BY-	
·			PRODUCTS	•
OZONE	NEUTRAL	INEFFECTIVE	PROBABLY	CORROSIVE TO Fe and Al
			NEGLIGABLE AT USE	AT HIGHER
			CONCENTRATIONS	CONCENTRATIONS
QUATERNARY	ACID TO	INEFFECTIVE	SKIN AND LUNG	CAN BE CORROSIVE TO
AMMONIA	NEUTRAL		IRRITATION	Fe, Cu, AND BRASS
COMPOUND				
PERACETIC ACID	NEUTRAL TO	INEFFECTIVE	SEVERE SKIN	HIGH ON Fe, Al, and Zn
	ALKALINE		IRRITATION, CAN	
			CAUSE BLINDNESS	

FIG. 1C

	FFFICACY	MICRORIAI RANGE	CONTACT	CONCENTRATION
			TIME	
CHLORINE DIOXIDE	HIGH	BROAD SPECTRUM ~	SECONDS TO	0.1 PPM TO 5 PPM
		EFFECTIVE AGAINS	MINUTES	
7 1100	יישי מחמיסיי	ALL OKGANISIMIS	Om Outline and	A start Oot Om A start
SODIUM	MODEKATE	INEFFECTIVE	MINUTES TO	SPPM TO 100 PPM
HYPOCHLORITE/		AGAINST MANY	HOURS	
CALCIUM HYPOCHLORITE		ORGANISMS		
GLUTERALDEHYDE	MODERATE	SPOROCIDAL	30 MINUTES	50 PPM TO 100 PPM
	TO HIGH		TO SEVERAL	
			HOURS	J
HYDROGEN	TOW	REQUIRES HIGH	15 MINUTES	500 PPM TO 700 PPM
PEROXIDE		CONCENTRATIONS,	TO SEVERAL	
		TO ACHIEVE KILL	HOURS	
DRY CHLORINE	MODERATE	INEFFECTIVE	30 MINUTES	SPPM TO 100 PPM
COMPOUNDS		AGAINST MANY	TO SEVERAL	
		ORGANISMS	HOURS	
OZONE	HIGH	BROAD SPECTRUM	SECONDS TO	0.1 PPM TO 10 PPM
		EFFECTIVE AGAINST	MINUTES	
		ALL ORGANISMS		
QUATERNARY	MODERATE	INEFFECTIVE	MINUTES TO	30 PPM TO 100 PPM
AMMONIA	TO HIGH	AGAINST MANY	SEVERAL	
COMPOUND		ORGANISMS	HOURS	
PERACETIC ACID	MODERATE	INEFFECTIVE	30 MINUTES	5 PPM TO 100 PPM
		AGAINST MANY	TO SEVERAL	-
		ORGANISMS	HOURS	



=1G. 2A



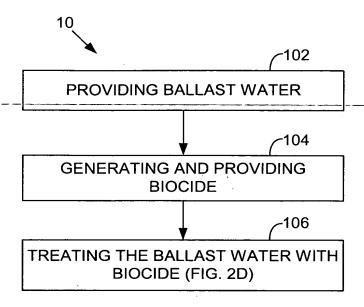


FIG. 2C

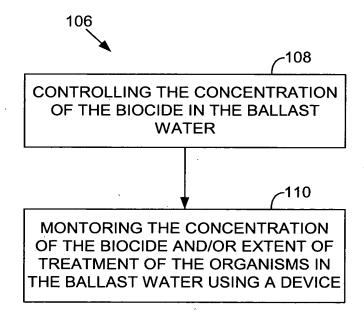


FIG. 2D

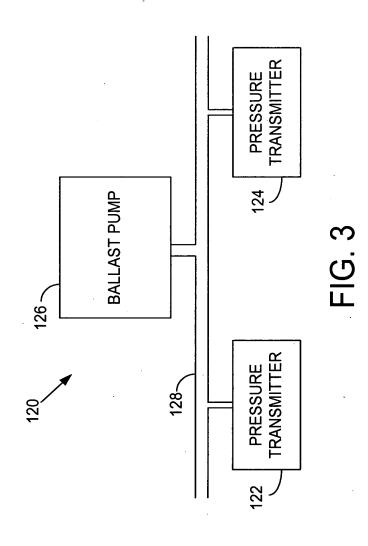


FIG. 4

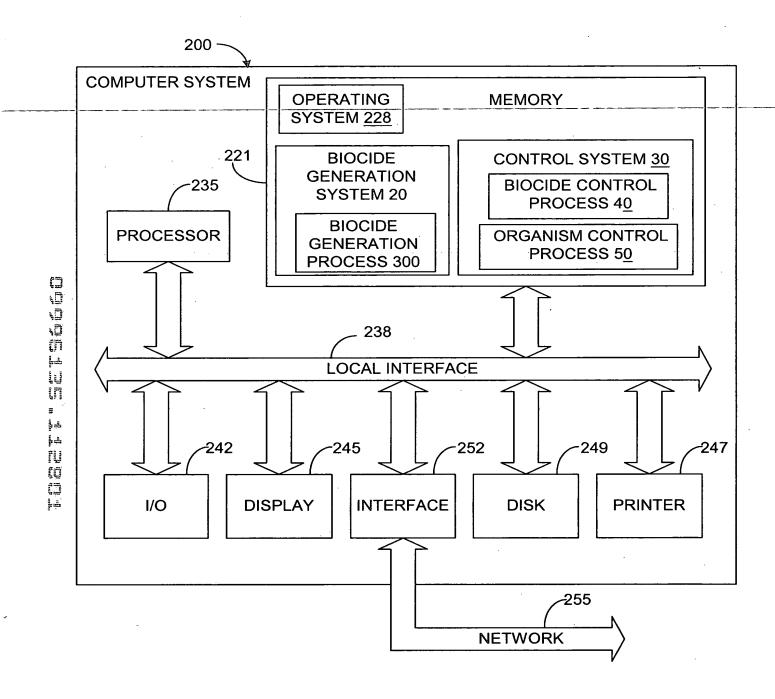
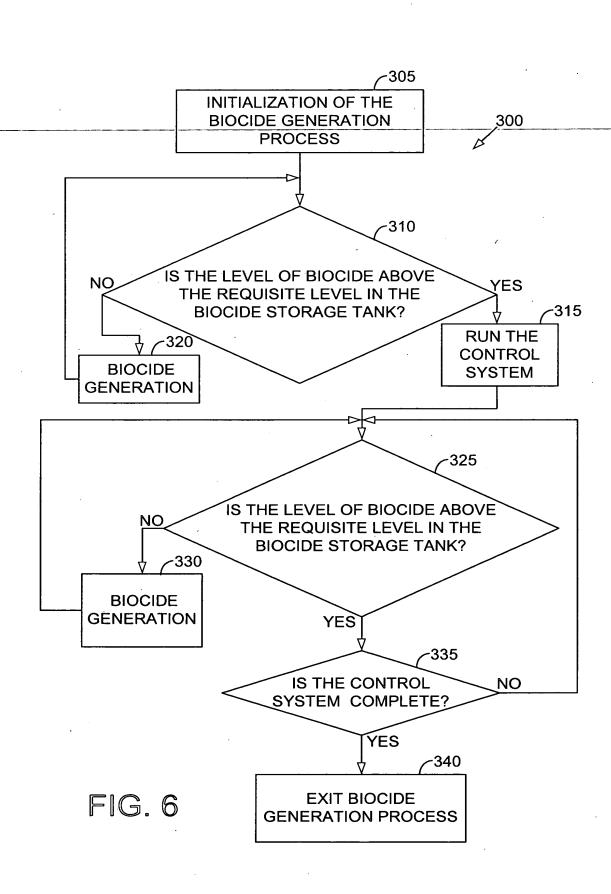


FIG. 5



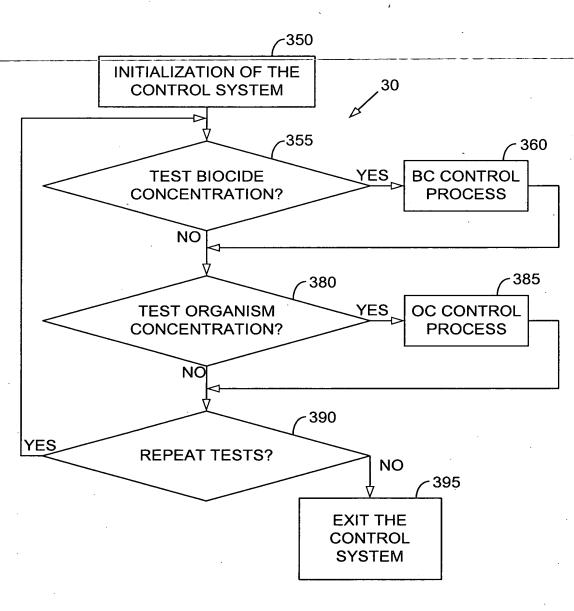


FIG. 7

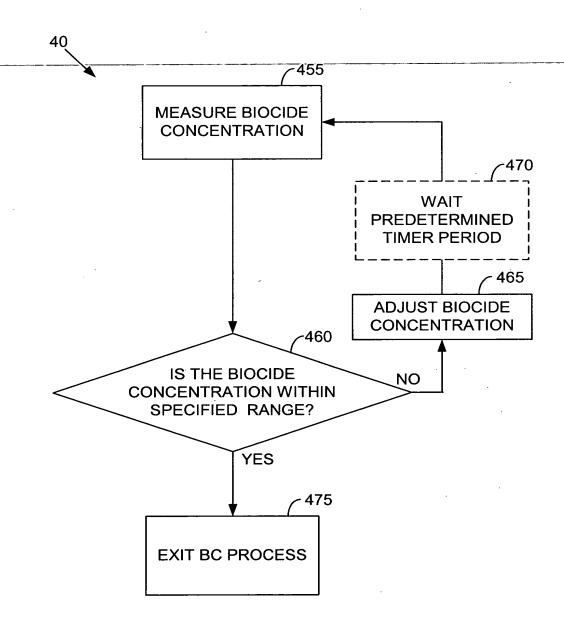


FIG. 8

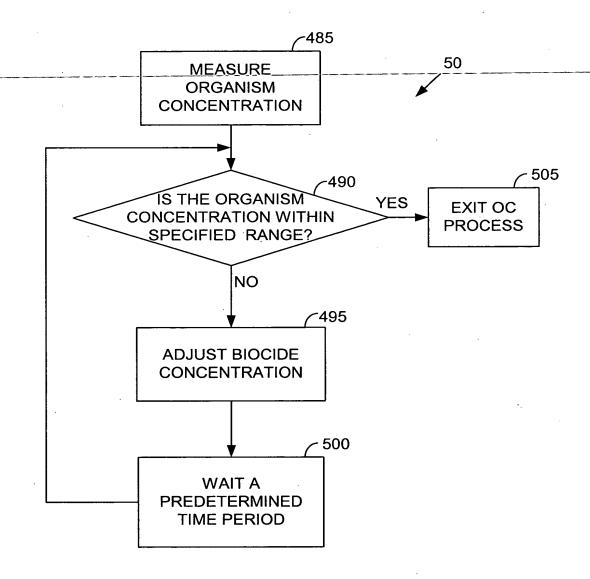


FIG. 9